# FEDERAL ITEM IDENTIFICATION GUIDE SCOOPS AND SHOVELS, HAND



#### Commander

**Defense Logistics Information Service** 

ATTN: DLIS-K

74 Washington Avenue North, Suite 7

Battle Creek, Michigan 49037-3084

(COMM) (269) 961-5779

(DSN) 661-5779

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

**Defense Logistics Information Service** 

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#### **SECTION I**

MRC	Mode Code	Requirements
NAME	D	ITEM NAME
	Definition: A NOUN KNOWN.	, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS
	Reply Instructions:	Enter the Item Name Code applicable to this FIIG. (e.g., NAMED05411*)
MATT	D	MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable ISAC from Table 1 below, followed by the Mode Code, the applicable Reply Code from Table 2 below. (e.g., MATT1BDSTA000\*; MATT1ADGSB000\$DPCA000\*; MATT1ADWDC000\$\$DPCA000\*)

REPLY CODE	<u>LOCATION (0128)</u>
1B	BLADE
1A	HANDLE
1X	OVERALL

REPLY CODE	REPLY (MA01)
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
CUB000	COPPER ALLOY
GSB000	GLASS FIBER
PCA000	PLASTIC
STA000	STEEL
STB000	STEEL CORROSION RESISTING
WDC000	WOOD
AL6061	ALUMINUM ALLOY 6061

#### ADQF D HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDAR\*)

REPLY CODE	REPLY (AC55)
DT	D-STYLE
DZ	LONG STYLE
EA	OFFSET
AR	STRAIGHT
AJ	TEE

#### BXJY L DIGGING IMPLEMENT STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOSY NEARLY CORRESPONDS TO THE APPEARANCE OF THE DIGGING IMPLEMENT(S).

Reply Instructions: Enter the applicable style designator from <u>Appendix B</u>, Reference Drawing Group A. (e.g., BXJYLA2\*)

#### ABBL J HANDLE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE HANDLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ABBLJA36.000\*; ABBLJL914.4\*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

#### AJXE \* A SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE SIZE BY WHICH THE ITEM IS COMMERCIALLY KNOWN AND/OR IDENTIFIED.

Reply Instructions: Enter the size. (e.g., AJXEA2\*)

#### AEAE J BLADE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE, IN DISTINCTION FROM WIDTH.

MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAEJAA12.000\*; AEAEJLA304.8\*; AEAEJAB12.000\$\$JAC12.125\*)

REPLY CODE REPLY (AA05)

A INCHES

L MILLIMETERS

REPLY CODE
A NOMINAL
B MINIMUM
C MAXIMUM

BXKB\* D BLADE CONSTRUCTION TYPE

Definition: INDICATES THE TYPE OF CONSTRUCTION OF THE BLADE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BXKBDCBW\*)

REPLY CODE REPLY (AK54)

CBW OPEN BACK (hollow)
DBN SMOOTH BACK

AEAF J BLADE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A BLADE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAFJAA9.000\*; AEAFJLA228.6\*; AEAFJAB9.000\$\$JAC9.125\*)

REPLY CODE A REPLY (AA05)
A INCHES

L MILLIMETERS

REPLY CODE
A NOMINAL
B MINIMUM
C MAXIMUM

MRC Mode Code Requirements

#### CBBL \* D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., CBBLDBKW\*)

REPLY CODE
SSS
FRONT TURN STEP
EUU
GRIP HANDLE
BKW
NONMAGNETIC
AHJ
NONSPARKING

#### FEAT \* G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. (e.g., FEATGQUALITY CONTROLLED\*)

#### SPCL \* G SPECIAL TEST FEATURES``

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEAT DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text.

(e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS\*)

#### ZZZK \* J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

```
(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)
```

<b>REPLY</b>	REPLY (AN62)
<u>CODE</u>	
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION
	SPECIFICATION
В	NATIONAL STD/SPEC
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION
	STANDARD

#### ZZZT \* J NONDEFINITIVE SPEC/STD DATA

NOTE: If the specification/standard cited in reply to MRC ZZZK is nondefinitive, reply to MRC ZZZT. This reply is the data which is not recorded in Segment C.

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$\$JSTA\*; ZZZTJTY1\$JSTA\*)

#### ZZZY \* G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

#### CRTL \* A CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAAKJA\*; CRTLAAKJA\$\$ACSGS\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

#### PRPY \* A PROPRIETARY CHARACTERISTICS

NOTE: If Document Availability Code B, D, F, or H, reply to MRC PRPY.

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAAKJA\$\$ACSGS\*)

#### TEST \* J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE code, a dash, and the document identification number. (e.g., TESTJA12345-CWX654321\*; TESTJA12345-654321\$\$JB55566\N66354\*; TESTJA12345-654321\$JB55566-663654\*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins,
	brochures, etc., that reflect specification type data in
	specification format; excludes commercial catalogs,
	industry directories, and similar trade publications,
	reflecting general type data on certain environmental and
	performance requirements and test conditions that are
	shown as "typical", "average", "nominal", etc.)
В	STANDARD (Includes industry or association standards,
	individual manufacturer standards, etc.)
C	DRAWING (This is the basic governing drawing, such as a
	contractor drawing, original equipment manufacturer
	drawing, etc; excludes any specification, standard, or other
	document that may be referenced in a basic governing
	drawing.)

#### ELRN \* G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365\*).

MRC Mode Code Requirements

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

#### ZZZW \* G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL\*)

#### ZZZX \* G DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE OF DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text.

(e.g., ZZZXGAS MODIFIED BY MATERIAL\*)

#### ELCD\* D EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA\*)

REPLY (AN58)
CODE
A ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

MRC Mode Code Requirements

AFJK\* J CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g.,AFJKJB8.0\*;AFJKJC131.1\*)

REPLY CODE REPLY (AD42)

C CUBIC CENTIMETERS

B CUBIC INCHES

#### SUPP \* G SUPPLEMENTARY FEATURES

Definition: THE CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text.

(e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT\*) Separate multiple replies with a semicolon. (\*SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT; BLADE TIEDOWN\*)

#### FCLS\* A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document. (e.g., FCLSAHH-1.5\*)

#### FTLD\* G FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE\*)

#### TMDN\* A TYPE/MODEL DESIGNATION

Definition: THE ALPHA-NUMERIC —ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.

Reply Instructions: Enter the appropriate designation data. (e.g., TMDNAMSV-615/M\*)

RTSE\* G RELATIONSHIP TO SIMILAR EQUIPMENT

Definition: INDICATES THE RELATIONSHP, SUCH AS CONSTRUCTION, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.

Reply Instructions: Enter concise statement for similar item including name and identifying data. (e.g., RTSEGSIMILSR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58\*)

RDAL\* G REFERENCE DATA AND LITERTURE

Definition: LITERTURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.

Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item. (e.g., RDALGNAAVAIROIA/VK58 A-2.2.9 \*)

NTRD\* A ENTRY DATE

Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MILHDBK-300.

Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day. (e.g., NTRDA80-05-28\*)

ZZZP\* J PURCHASE DESCRIPTION IDENTIFICATION

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity(CAGE) code, followed by a dash and the identifying number of the document. (e.g., ZZZPJ81337-30624A\*)

ZZZV\* G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT \*)

MRC Mode Code Requirements

AGAV\* G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000\*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A\*)

CXCY\* G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL

BOARD\*)

# **Reply Tables**

Table 1 - NONDEFINITIVE SPEC/STD DATA13
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Table 1 - NONDEFINITIVE SPEC/STD DATA

### NONDEFINITIVE SPEC/STD DATA

DEDLY CODE	DEDLY (ADOO)
REPLY CODE AL	
	ALLOY
AN	ANNEX APPENDIX
AP	
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
ML	MATERIAL

DEDLY CODE	DEDLY (ADOS)
REPLY CODE MH	REPLY (AD08) MESH
ME	METHOD
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE SE	SERIES
SV	SERVICE
SX	SERVICE
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH
	.,

# **Reference Drawing Groups**

REFERENCE DRAWING GROUP A Tables	17
REFERENCE DRAWING GROUP A	18

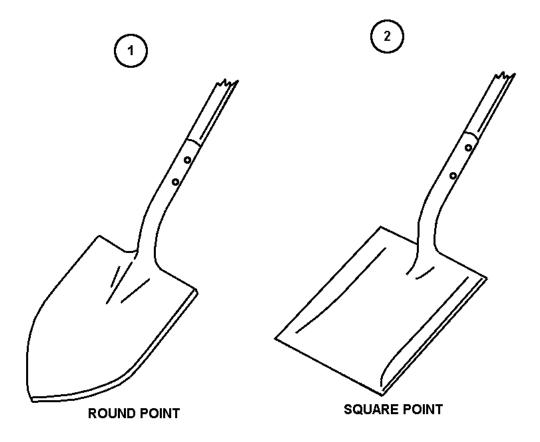
# REFERENCE DRAWING GROUP A Tables DIGGING IMPLEMENT STYLES

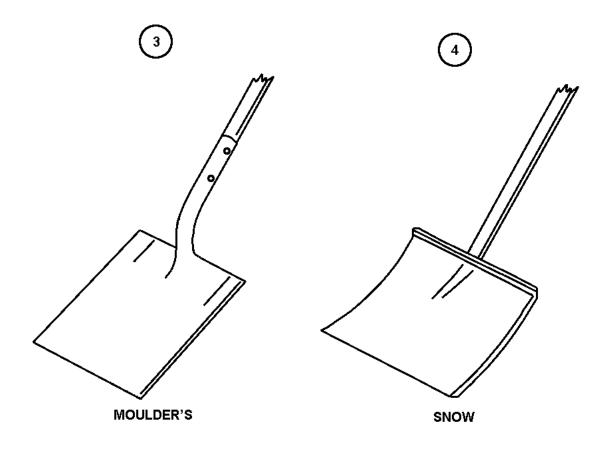
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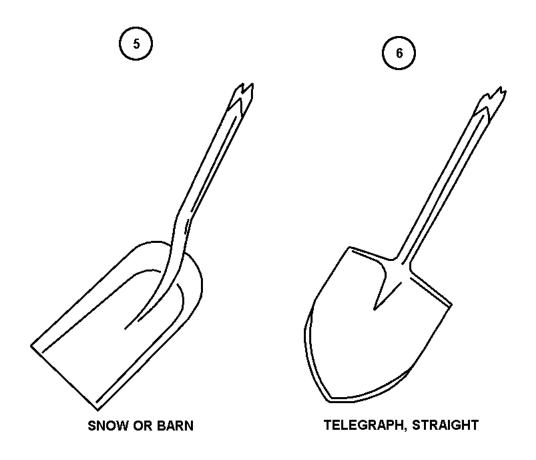
#### REFERENCE DRAWING GROUP A

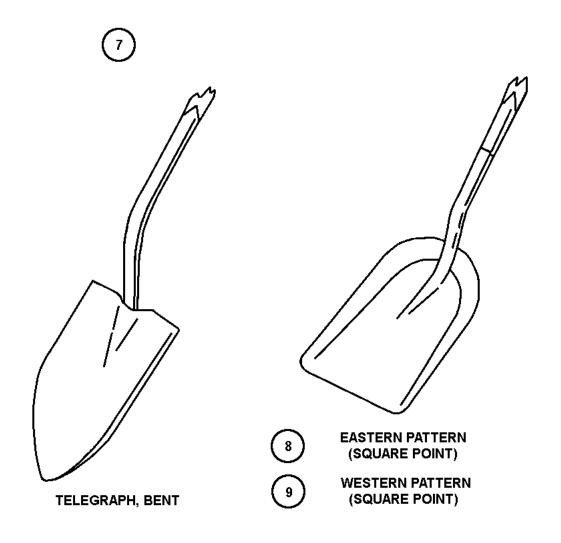
#### DIGGING IMPLEMENT STYLES

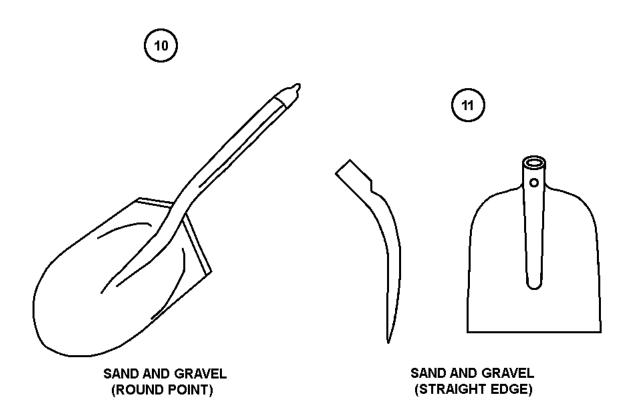
#### SCOOPS AND SHOVELS











# **FIIG Change List**

FIIG Change List, Effective November 5, 2010

New FIIG.

APPENDIXC